Shrewsbury Elementary Schools
April 10, 2005

Grade Four Standards-Based report Card
Math

Strand	Trimester 1	Trimester 2	Trimester 3	Proficiency Level		
				1	2	3
Number Sense And Operations	• Mastery of multiplication through 10 x 10 and related division facts	• Mastery of multiplication through 10 x 10 and related division facts	• Mastery of multiplication through 12 x 12 and related division facts			
	• Add and subtract (up to 5 digit numbers) and multiply (up to 3 digit numbers by 2 digit numbers) accurately and efficiently	• Solve multiplication and division number stories	• Select, use, and explain models to relate common fractions and mixed numbers (1/2, 1/3, 1/4, 1/5, 1/6, 1/8, 1/10, 1/12, and 1 1/2), find equivalent fractions, mixed numbers, and decimals, and order fractions			
	• Exhibit an understanding of the base ten number system by reading, writing, modeling, and interpreting whole numbers to at least 100,000; demonstrating an understanding of the values of the digits and comparing and ordering numbers	• Demonstrate an understanding of and the ability to use the conventional algorithm for division of up to a three-digit whole number with a single-digit divisor (with or without remainders)	• Identify and generate equivalent forms of common decimals and fractions less than one whole (halves, quarters, fifths and tenths)			
	• Demonstrates the ability to explain mathematical thinking both orally and in writing	• Select and use a variety of strategies to estimate quantities, measures, and the results of whole number computations up to three-digit whole numbers and amounts of money to $1,000	• Demonstrates the ability to explain mathematical thinking both orally and in writing			
		• Demonstrates the ability to explain mathematical thinking both orally and in writing				
		• Round whole numbers through 100,000 to the nearest 10, 100, 1,000, 10,000, and 100,000				
Geometry	• Describe and draw intersecting, parallel, and perpendicular lines	• Identify angles as acute, right, or obtuse	• Describe and apply techniques such as reflections (flips), rotations (turns), and translations (slides) for determining if two shapes are congruent			
			• Identify and describe line symmetry in two-dimensional shapes			
Measurement			• Estimate and find area and perimeter of a rectangle, triangle, or irregular shape using diagrams, models, and grids or by measuring			

Data Analysis, Statistics, And Probability	• Collect and organize data using observations, measurements, surveys, or experiments, and identify appropriate ways to display the data					
	• Match representations of a data set such as lists, tables, or graphs with the actual set of data					